Everyday uses of Mystery Powders

<u>Directions</u>: As a group you will read the information sheet about the powders and answer the following questions.

Baby Powder

- 1. What mineral is baby powder made from?
- 2. Talc is made of what 3 elements?
- 3. Why is baby powder used for babies?
- 4. What is a physical property of baby powder?

Baking Powder

- 5. What are the 3 chemicals that make up baking powder?
- 6. What activates baking powder?
- 7. What gas is produced when the powder is activated?
- 8. What is a chemical property of baking powder?

Baking Soda

- 9. What is the product of reacting baking soda with vinegar?
- 10. Give 3 examples of ACIDS that are often added with baking soda when baking.
- 11. Give 2 examples of every day uses for baking soda (besides baking).
- 12. What is a chemical property of baking soda?

Corn Starch

- 13. What plant is corn starch made from?
- 14. What specific part of the plant is the corn starch made from?
- 15. What is an everyday use for corn starch?
- 16. What is a chemical property of corn starch?

Plaster of Paris

- 17. What mineral is plaster made from?
- 18. How is plaster of Paris prepared?
- 19. Give 2 examples of every day uses for plaster.
- 20. What is a physical property of plaster?

Salt

- 21. What two elements is salt composed of?
- 22. What percent of salt is actually used for food seasoning?
- 23. Give 2 examples of every day uses for salt (besides food seasoning).
- 24. What is a physical property of salt?

Sugar

- 25. What does sugar provide for our bodies?
- 26. What is the most common sugar in the body?
- 27. Give 2 examples of every day uses for sugar (besides to make your food sweet).
- 28. What is a chemical property of sugar?

Borax

- 29. Give ONE other name for borax.
- 30. Does Borax dissolve easily in water?
- 31. List 3 uses for borax.
- 32. Where was Borax first discovered?

Flour

- 33. What can be ground up to make flour?
- 34. Flour is the main ingredient in what?
- 35. When flour is used in cakes, what is it combined with?
- 36. Is white flour naturally white? Why?